

**Metropolitan Domestic Water Improvement District
Board of Directors Meeting**

July 13, 2015

Monthly Status of the District – June 2015

Synopsis

The purpose of this agenda item is to provide the Board with an update of the District's activities for the past month. This is not an action item, but is meant to provide information to the Board and give a clearer picture of the District's activities.

June 2015 Report

Water Usage/Quality

Amount of Water Consumed in Metro Main

FY 2015 Year to Date – 2,189,060,600 gallons

FY 2014 Year to Date – 2,355,833,200 gallons

Amount of Water Consumed in Metro Hub

FY 2015 Year to Date – 260,915,400 gallons

FY 2014 Year to Date – 286,857,500 gallons

Amount of Water Consumed in Metro Southwest

FY 2015 Year to Date – 121,155,200 gallons

FY 2014 Year to Date – 120,999,200 gallons

Revenue Metered Sales Billed in June 2015 – Grand Total \$ 1,380,309.22

Metro Main – \$ 1,158,161.55

Metro Hub – \$ 155,870.51

Metro Southwest – \$ 66,277.16

Last Year Revenue Metered Sales Billed in June 2014 – Grand Total \$ 1,559,493.71

Metro Main – \$ 1,331,035.73

Metro Hub – \$ 156,947.12

Metro Southwest – \$ 71,510.86

Water Quality Samples

81 Microbiological samples taken from the distribution system.

27 Microbiological samples taken from the District's active wells.

63 Lab/filed test samples for Arsenic, Nitrate, Lead and Copper, DBPs, SOCs, and VOCs.

Status of Compliance with Regulatory Requirements

District is in compliance with its regulatory requirements.

System Maintenance

Noteworthy Maintenance Projects and Major Repairs in June 2015:

1. Constructed temporary bypass on filter for Metro Southwest - Diablo Village 1 treatment.
2. Installed 8” valve to support new construction at Metro Hub.
3. Performed Metro Southwest – Lazy B media change-out on arsenic system.
4. Installed pads for new pressure tank at Las Palmas, set new tank and removed old tank.
5. Completed well repairs to Meredith and Wanda and placed both online.

PRV Inspections – 84

Valves Exercised – 0

Meter Replacements – 1 - 2” meters, 1 - 1 ½” meters

Meters Tested – 17 - 2” meters

ERTs Replaced – 13

New Meter Applications – 7 total

Metro Main – 3

Metro Southwest – 4

Customer Accounts

Total Customers – 20,336

New Accounts – 245

Delinquent Accounts – June 2015

Initial Shut Off Notices – 735

Final Shut Offs – 99

High Consumption Contacts – 280

Service Orders & Work Orders – Total performed: 170

Service Orders (generated from customers calling in with a problem):

Metro Main – 66

Metro Hub – 7

Metro Southwest – 32

Work Orders (generated by staff when a need to perform additional work is recognized):

Metro Main – 45

Metro Hub – 9

Metro Southwest – 11

Water Sustainability Projects

Avra Valley Recharge Project (AVRP) – A total of 3,065 acre-feet was recharged at AVRP as of June 30, 2015 out of the 5,214 acre-feet scheduled for 2015. An additional 1,800 acre-feet storage is for the Arizona Water Banking Authority and another 150 acre-feet is for the City of Phoenix. BKW Farms had Borderland scrape the four recharge basins in June, which are now back in operation. The basins were last scraped 4.5 years ago.

Amount of Water Recharged at AVRP:

Month of June 2015 – 33,888,500 gallons
Same period last year – 176,285,400 gallons
Month of May 2015 – 179,543,900 gallons

South Shannon Treatment System – As of June 30, 2015, approximately 11.2 million gallons of water has been treated since the twenty-seventh carbon change-out on June 9, 2015. Since 2000, \$950,770.15 has been reimbursed from Arizona Department of Environmental Quality (ADEQ). Staff submitted the second quarter reimbursement request to ADEQ.

Cortaro-Marana Irrigation District (CMID) Effluent Groundwater Savings Facility Project – Staff completed a five day flow test starting the week of June 22nd in the north pipeline and found it is usable. Staff is also working with Pima County for ADEQ to grant a Pima County reuse permit for two classes of reclaimed water so that CMID can use the reclaimed water on wheat and pumpkins. The parties are also working to finalize the intergovernmental agreement for the pipeline interconnect to Pima County and bring it to the Board for approval.

Designation of Assured Water Supply (DAWS) and Member Service Area Modifications – ADWR issued to the District a DAWS for Metro West. The Metro Main DAWS is pending when the public comment period ends on July 6, 2015.

Effluent Agreement – Staff has drafted for the Town of Marana’s review an effluent agreement similar to a recent agreement between Marana and the City of Tucson. The effluent would be from Metro West.

Hoover Power Allocation – Staff submitted its application for D-2 power to the Arizona Power Authority (APA) April 27, 2015. A draft recommendation from APA allocated 422 kW and 2,181,842 kWh to the District. APA found no deficiencies within the District’s application. APA will notify applicants of their final decision on July 17, 2015.

Colorado River Shortage Preparations – Staff has been working with groundwater savings partners on re-establishing the Irrigation Conservation Assistance Program through a grant with ADWR. Additionally, staff has been helping a GSF partner leverage Indian Ag water and City of Phoenix on Inter-AMA Firming.

Capital Improvement Program & Other Major Projects

Oracle Jaynes Property – Consultant completed cultural and environmental field work, no issues found. District staff notified the seller and title company that it would move forward with the purchase of the property. Seller notified tenants on February 26, 2015 of the tenancy termination. Only one of the three tenants has removed their mobile home and the remaining two tenants have until October 25, 2015 to vacate.

CAP Land Acquisitions – The District’s consultant, Tierra Right of Way Services and District staff met with Redpoint Development on February 10, 2015 and July 7, 2015 to discuss property for the CAP Recharge, Recovery and Delivery System forebay and booster station and future treatment site. Redpoint Development identified a large parcel that was not already included in the block plat approval by the Town of Marana. Tierra and District staff are evaluating the parcel. On February 23, 2015, District met with BKW Farms on CAP recovery wells properties. Property for two of the three well sites has been identified. On May 4, 2015 the District met with BKW Farms to discuss comments received from Vulcan on the third well site. District staff is evaluating Vulcan comments and awaiting additional information regarding their recommended location.

Casas Adobes Estates MLP (Nanini Drive, Casas Adobes Drive, and Andrea Doria Drive) – Work order issued to Rick Engineering for cultural survey.

Lazy B Tucson Water Wheeling Agreement Interconnect – Plans finalized for submittal to Tucson Water and Pima County for review.

La Cañada Drive Adjustments – Plans and contract documents being finalized. Advertisement for construction expected to commence in late July 2105.

Hub Storage Expansion Retaining Wall – Project design has commenced.

Metro Water Office Sign – Contract documents being finalized for advertisement in late July 2015.

The Board should feel free to request any additional information that it would like to see on this report. Staff is prepared to discuss any questions that the Board may have regarding this report.

Respectfully Submitted,

Joseph Olsen, P.E.
General Manager